

SYSTEM AND METHOD FOR SELECTIVELY SCRAMBLING MULTIDIMENSIONAL DIGITAL FRAME STRUCTURE COMMUNICATIONS

ABSTRACT OF THE INVENTION

A system and method have been provided to increase security in scrambled communications by periodically changing the seed masks used to generate the scrambling algorithms at the transmitter and receiver. The scrambling algorithm is changed by periodically modifying the seed masks which establishes the initial state of the scrambling algorithm generators. The same seed mask key is passed through an auxiliary communication channel to the receiver to insure that matching descrambling algorithms are generated.